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Substitute for form 1449PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number 09/931469 Filing Date 8/16/2001 First Named Inventor LARJOIA, Rolly, et al Art Unit 2462 Examiner Name JUNTIMA, NITTAYA
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Sheet 1 of 23	Attorney Docket No.: 080542	

Examiner Initials	Cite No.	Document Number Number, Kind Code (if known)	Publication Date MM-DD-YYYY	U.S. PATENT DOCUMENTS	
				Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
001	US-4875952		12-04-1990	MABEY, Peter J. et al.	
002	US-5008900		04-16-1991	CRITCHLOW, David N. et al.	
003	US-5115248		05-19-1992	ROEDERER, Antoine et al.	
004	US-5363408		11-08-1994	PAIK, Woo H. et al.	
005	US-5371761		12-06-1994	DAEFFARA, Flavio et al.	
006	US-5364810		01-24-1995	AMRANY, Daniel et al.	
007	US-5455839		10-03-1995	EYUBOGULU, M. Vedat et al.	
008	US-5613379		04-30-1996	BENVENISTE, Mathilde et al.	
009	US-5639748		07-23-1996	RAITH, Alex K. et al.	
010	US-5604744		02-18-1997	ANDERSSON, H. ang kan C. et al.	
011	US-5726978		03-10-1998	FRIDRICH, Carl Magnus et al.	
012	US-5732113		03-24-1998	SCHMIDT, Timothy M. et al.	
013	US-5768826		06-16-1998	DIACCHINA, John W. et al.	
014	US-5815488		09-29-1998	WILLIAMS, Thomas H. et al.	
015	US-5820571		07-06-1999	HOUCK, David J. et al.	
016	US-5926470		07-20-1999	TIEDEMANN, Jr., Edward G. et al.	
017	US-5953326		09-14-1999	WILLIAMS, Per et al.	
018	US-5995952		11-30-1999	ECKARD, Clinton B. et al.	

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Attorney Docket No: 060542

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS				Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials*	Cite No.	Document Number Number/Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	019	US-6002942	12-14-1999	PARK, Hyun-chul et al.
	020	US-6016123	01-18-2000	BARTON, Paul et al.
	021	US-6038180	03-14-2000	YEE, Hsian-pei et al.
	022	US-6075350	06-13-2000	PENG, Fang Zheng et al.
	023	US-6076114	06-13-2000	WESLEY, Alanna A. et al.
	024	US-6108323	08-22-2000	GRAY, Steven D et al.
	025	US-6128776	10-03-2000	KANG, Sung-min et al.
	026	US-6232918	05-15-2001	WAX, Matt et al.
	027	US-6256478	07-03-2001	ALLEN, James D. et al
	028	US-6337659	01-08-2002	KIM, Sang-i et al.
	029	US-6365637	03-05-2002	MANSSOUR, David et al.
	030	US-6374115	04-16-2002	BARNES, Keith W. et al.
	031	US-6377539	04-23-2002	KANG, Hee-woon et al.
	032	US-6438369	08-20-2002	HUANG, Chenhong et al.
	033	US-6496790	12-17-2002	KATHAVATE, Srinivas K. et al.
	034	US-6539008	03-25-2003	AHN, Jae-min et al
	035	US-6542485	04-01-2003	MUTABA, Syed Aon et al.
	036	US-6563806	05-13-2003	YANO, Masashi et al.
	037	US-6675012	01-06-2004	GRAY, Steven D et al.
	038	US-6701165	03-02-2004	HO, Ming-ju et al.
	039	US-6711400	03-23-2004	AURA, Tuomas et al.

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Application Number		09/931469
Filing Date		8/16/2001
First Named Inventor		LAROIA, Rajiv, et al.
Art Unit		2462
Examiner Name		JUNTIMA, NITTAYA
Attorney Docket No.: 060542		

Examiner Initials	Cite No.	Document Number	U.S. PATENT DOCUMENTS		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	040	US-6744743	06-01-2004	WALTON, Jay R. et al.	
	041	US-6748220	06-08-2004	CHOW, Jocelyn Yuet Kiu et al.	
	042	US-6751456	06-15-2004	BILGIC, Izzet M. et al.	
	043	US-6765969	07-20-2004	VOOK, Frederick W. et al.	
	044	US-6776165	08-17-2004	JIN, Sungjo et al.	
	045	US-6776765	08-17-2004	SOUKUP, Thomas M. et al.	
	046	US-6802035	10-05-2004	CATREUX, Severine et al.	
	047	US-6831943	12-14-2004	DABAK, Anand G. et al.	
	048	US-6870808	03-22-2005	LIU, Hui et al.	
	049	US-6907269	06-14-2005	YAMAGUCHI, Ryo et al.	
	050	US-6927728	08-09-2005	VOOK, Frederick W. et al.	
	051	US-6934266	08-23-2005	DULIN, David R. et al.	
	052	US-6934340	08-23-2005	DOLLARD, Michael S. et al.	
	053	US-6940845	09-06-2005	BENVENISTE, Mathilde et al.	
	054	US-6954448	10-11-2005	FARELEY, Kevin L. et al.	
	055	US-6954481	10-11-2005	LAROIA, Rajiv et al.	
	056	US-6954622	10-11-2005	NELSON, David S. et al.	
	057	US-6961364	11-01-2005	LAROIA, Rajiv et al.	
	058	US-6970682	11-29-2005	CRILEY, J. William J. et al.	
	059	US-6985466	01-10-2006	YUN, Louis C. et al.	

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U.S. PATENT DOCUMENTS

Application Number 09/931469
Filing Date 8/16/2001
First Named Inventor LAROIA, Rajiv, et al.
Art Unit 2462
Examiner Name JUNITIMA, NITTAYA

Attorney Docket No. 060542

Examiner Initials*	Cite No.†	Document Number	Publication Date MM-DD-YYYY	Name of Patented or Applicant of Patent Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	060	US-6893342	01-31-2006	KUCHIBHOTLA, Ravi et al.	
	061	US-7002900	02-21-2006	WALTON, J. Rodney et al.	
	062	US-7006528	02-28-2006	ALASTALO, An et al.	
	063	US-7013143	03-14-2006	LOVE, Robert T. et al.	
	064	US-7020110	03-28-2006	WALTON, Jay Rod et al.	
	065	US-7039356	05-02-2006	NGUYEN, Hung et al.	
	066	US-7039370	05-02-2006	LAROIA, Rajiv et al.	
	067	US-7042867	05-09-2006	KRISHNAN, Ranganathan et al.	
	068	US-7047006	05-16-2006	CLASSON, Brian K. et al.	
	069	US-7054301	05-30-2006	SOSA, Elvino S. et al.	
	070	US-7079867	07-18-2006	CHUN, Byung-jin et al.	
	071	US-7099630	08-29-2006	BRUNNER, Christopher et al.	
	072	US-7103384	09-05-2006	CHUN, Byung-jin et al.	
	073	US-7113808	09-26-2006	HWANG, Chan-soo et al.	
	074	US-7120395	10-10-2006	TONG, Wen et al.	
	075	US-7126928	10-24-2006	TIEDEMANN, Jr., Edward G. et al.	
	076	US-7131086	10-31-2006	YAMASAKI, Junya et al.	
	077	US-7139328	11-21-2006	THOMAS, Timothy A. et al.	
	078	US-7142864	11-28-2006	LAROIA, Rajiv et al.	

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36 USC 561 (a)(1)(C)		Application Number		09/931469
		Filing Date		8/16/2001
		First Named Inventor		LAROLA, Rajiv, et al.
		Art Unit		2462
		Examiner Name		JUNTIMA, NITTAYA
Sheet 5 of 23		Attorney Docket No.: 060542		

Examiner Initials	Cite No.	Document Number	U.S. PATENT DOCUMENTS		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	079	US-7145940	12-05-2006	GORE, Dharmajay Ashok et al.	
	080	US-7145959	12-05-2006	HAREL, Haim et al.	
	081	US-7149199	12-12-2006	SUNG, Dan-keun et al.	
	082	US-7151761	12-19-2006	PALENIUS, Torigny et al.	
	083	US-7154935	12-26-2006	BUERKE, Bjorn A. et al.	
	084	US-7155235	12-26-2006	CHEN, Tao et al.	
	085	US-7164649	01-16-2007	WALTON, Jay R. et al.	
	086	US-7167916	01-23-2007	WILLEN, James W. et al.	
	087	US-7177297	02-13-2007	AGRAWAL, Aayneesh et al.	
	088	US-7184426	02-27-2007	PADOVANI, Roberto et al.	
	089	US-7197262	03-27-2007	DENT, Paul W. et al.	
	090	US-7209712	04-24-2007	HOLTZMAN, Jack M. et al.	
	091	US-7230942	06-12-2007	LAROLA, Rajiv et al.	
	092	US-7236747	06-26-2007	MEACHAM, Dan et al.	
	093	US-7242722	07-10-2007	KRAUSS, Thomas P. et al.	
	094	US-7243150	07-10-2007	SHER, Sharon et al.	
	095	US-7248641	07-24-2007	AGEE, Brian G. et al.	
	096	US-7254158	08-07-2007	AGRAWAL, Aayneesh et al.	
	097	US-7257167	08-14-2007	LAU, Kin Nang et al.	
	098	US-7257406	08-14-2007	Ji, Tingfang et al.	
	099	US-7257423	08-14-2007	IOCHI, Hitoshi et al.	

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Art Unit

Examiner Name _____

JUNTIMA, NITAYA

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Attorney Docket No: 08054

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Document Number Number-Kind Number 2011-InvNO	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Rejections or Relevant Figures Appear
	100	US-7286570	10-30-2007	SCHMIDL, Timothy et al.	
	101	US-7286585	10-30-2007	SANDHU, Summeet et al.	
	102	US-7290195	10-30-2007	GUO, Zhua et al.	
	103	US-7292863	11-06-2007	CHEN, Lam et al.	
	104	US-7330701	02-12-2006	MUKKAVILLI, Krishna Kiran et al.	
	105	US-7336727	02-26-2006	MUKKAVILLI, Krishna Kiran et al.	
	106	US-7348371	03-25-2008	SCHEIN, Brett et al.	
	107	US-7348667	03-25-2008	MAGEE, David Patrick et al.	
	108	US-7356000	04-08-2008	OPRESCU-SURCOBE, Valentin et al.	
	109	US-7356005	04-08-2008	DERRYBERRY, R. Thomas et al.	
	110	US-7366223	04-29-2006	CHEN, John Size-chi et al.	
	111	US-7366253	04-29-2006	KIM, Sungjin et al.	
	112	US-7372911	06-13-2008	LINDSKOG, Erik D. et al.	
	113	US-7372912	05-13-2008	SEO, Dong-young et al.	
	114	US-7382764	06-03-2008	UEHARA, Tetsuki et al.	
	115	US-7392014	06-24-2008	BAKER, Matthew P. J. et al.	
	116	US-7394865	07-01-2008	GORRAN, Mohammad Jaber et al.	
	117	US-7403745	07-22-2008	DOMINIQUE, Francis et al.	

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Application Number		09/931469
Filing Date		8/16/2001
First Named Inventor		LAROJA, Rajiv, et al
Art Unit		2462
Examiner Name		JUNITIMA, NITYAYA
Attorney Docket No: 060542		

Examiner Initials*	Cite No.†	Document Number	U.S. PATENT DOCUMENTS		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	118	US-7406119	07-29-2008	YAMANO, Larry C. et al.	
	119	US-7411898	08-12-2008	ERLICH, Yossi et al.	
	120	US-7412212	08-12-2008	HOTTINEN, Ari et al.	
	121	US-7418246	08-26-2008	KIM, Jae-woo et al.	
	122	US-7423991	09-09-2008	CHO, Sung-hyun et al.	
	123	US-7426426	09-16-2008	VAN BAREN, Philip D. et al.	
	124	US-7428426	09-23-2008	KIRAN, Kiran et al.	
	125	US-7437164	10-14-2008	AGRAWAL, Avneesh et al.	
	126	US-7447270	11-04-2008	HOTTINEN, Ari et al.	
	127	US-7469011	12-23-2008	LIN, Chin-lung et al.	
	128	US-7483408	01-27-2009	BEVAN, David Damian Nicholas, et al.	
	129	US-7483719	01-27-2009	KIM, Eung-sun et al.	
	130	US-7486408	02-03-2009	VAN DER SCHAAR, Maurits et al.	
	131	US-7486735	02-03-2009	DBUBUC, Christian et al.	
	132	US-7492788	02-17-2009	ZHANG, Hang et al.	
	133	US-7499363	03-03-2009	OZUTURK, Fatih et al.	
	134	US-7508842	03-24-2009	BAUM, Kevin L. et al.	
	135	US-7512086	03-31-2009	KUZMINSKIY, Alexandr et al.	
	136	US-7548506	06-16-2009	MA, Jiangfei et al.	

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Attorney Docket No: 060542

U.S. PATENT DOCUMENTS

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U.S. PATENT DOCUMENTS					Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials*	Cite No.	Document Number Number/Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	137	US-7551546	06-23-2009	MA, Jianglei et al.	
	138	US-7558293	07-07-2009	CHOI, Seung-hoon et al.	
	139	US-7573900	08-11-2009	KIM, Sung-jin et al.	
	140	US-7616955	11-10-2009	KIM, Joonsuk et al.	
	141	US-7627051	12-01-2009	SHEEN, Jun et al.	
	142	US-20010021650	09-13-2001	BILGIC, IZZET M., et al.	
	143	US-20010047424	11-29-2001	ALASTALO, ARI, et al.	
	144	US-20010056294	12-27-2001	MOTOYOSHI, GEN, et al.	
	145	US-20010065297	12-27-2001	BENVENISTE, MATHILDE, et al.	
	146	US-20020009348	01-03-2002	CHUN, BYUNG-JIN, et al.	
	147	US-20020039912	04-04-2002	YAMAGUCHI, RYO, et al.	
	148	US-20020065825	05-16-2002	KASAPI, ATHANASIOS A., et al.	
	149	US-20020077152	06-20-2002	JOHNSON, THOMAS J., et al.	
	150	US-20020090024	07-11-2002	TAN, KENG TIONG, et al.	
	151	US-20020101839	08-01-2002	FARLEY, KEVIN L., et al.	
	152	US-20020122381	09-05-2002	WU SHIGUAN, et al.	
	153	US-20020122403	09-05-2002	HASHEM, BASSAM M., et al.	
	154	US-20020147953	10-10-2002	CATREUX, SEVERINE, et al.	
	155	US-20020172293	11-21-2002	KUOCHI, KIRIAN, et al.	

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Application Number 09/931469		Complete if Applicable
Filing Date 8/16/2001		
First Named Inventor LAROIA, RALPH, et al		
Art Unit 2462		
Examiner Name JUNTIMA, NITTAYA		Attorney Docket No. 060542

U.S. PATENT DOCUMENTS			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials	Document Number	Publication Date MM-DD-YYYY	
156	US-20020181571	12-05-2002	YAMANO, LARRY C., et al GRILEY, WILLIAM J. JR., et al
157	US-20030020651	01-30-2003	DENT, PAUL W., et al KAWAI, HIROYUKI, et al
158	US-20030036359	02-20-2003	MA, JIANGLI, et al WALTON, JAY R., et al
159	US-20030040283	02-27-2003	ITO, TAKUMI, et al RAFLAH, MOSHE, et al
160	US-20030072254	04-17-2003	WALTON, JAY R., et al WALTON, JAY R., et al
161	US-20030086371	05-08-2003	WALTON, JAY R., et al WALTON, JAY R., et al
162	US-20030096679	05-22-2003	WALTON, JAY R., et al WALTON, JAY R., et al
163	US-20030109256	06-12-2003	WALTON, JAY R., et al WALTON, JAY R., et al
164	US-20030125040	07-03-2003	WALTON, JAY R., et al WALTON, JAY R., et al
165	US-20030128658	07-10-2003	WALTON, JAY R., et al WALTON, JAY R., et al
166	US-20030142729	07-31-2003	WALTON, JAY R., et al WALTON, JAY R., et al
167	US-20030161281	08-28-2003	WALTON, JAY R., et al WALTON, JAY R., et al
168	US-20030161282	08-28-2003	WALTON, JAY R., et al WALTON, JAY R., et al
169	US-20030165189	09-04-2003	WALTON, JAY R., et al WALTON, JAY R., et al
170	US-20030202560	10-30-2003	WALTON, JAY R., et al WALTON, JAY R., et al
171	US-20030216156	11-20-2003	WALTON, JAY R., et al WALTON, JAY R., et al
172	US-20030235255	12-25-2003	WALTON, JAY R., et al WALTON, JAY R., et al
173	US-20030133426	07-17-2003	WALTON, JAY R., et al WALTON, JAY R., et al
174	US-20040001460	01-01-2004	WALTON, JAY R., et al WALTON, JAY R., et al

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	193	US-20040131008	07-08-2004	ZUNIGA, JUAN CARLOS; et al.	
	194	US-20040131038	07-08-2004	KIM, SUNG-JIN, et al.	
	195	US-20040131110	07-08-2004	ALARD, MICHEL, et al.	
	196	US-20040135344	07-15-2004	KIM, YOUNG-KY, et al.	
	197	US-20040156328	08-12-2004	WALTON, J RODNEY, et al.	
	198	US-20040160914	08-19-2004	SARKAR, SANDIP, et al.	
	199	US-20040160933	08-19-2004	ODENWALDER, JOSEPH P, et al.	
	200	US-20040162083	08-19-2004	CHEN, TAO, et al.	
	201	US-20040165564	08-26-2004	KIM, JAE-WOO, et al.	
	202	US-20040166867	08-26-2004	HAVE, WILLIAM, et al.	
	203	US-20040170157	09-02-2004	KIM, JAE-YOEL, et al.	
	204	US-20040171385	09-02-2004	HAUSTEIN, THOMAS, et al.	
	205	US-20040178954	09-16-2004	VOOK, FREDERICK W., et al.	
	206	US-20040179506	09-16-2004	PADOVANI, ROBERTO, et al.	
	207	US-20040218520	11-04-2004	AIZAWA, MASAMI, et al.	
	208	US-20040219819	11-04-2004	DI MASCO, ENRICO, et al.	
	209	US-20040219819	11-04-2004	WHINNETT, NICHOLAS, et al.	
	210	US-20040228267	11-18-2004	AGRAWAL, AVNEESH, et al.	

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Application Number Filing Date First Named Inventor Art Unit Examiner Name				09/931469 8/16/2001 LAROLA, Raul, et al. 2462 JUNITIMA, NITTAIA
Attorney Docket No.				060542

Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	211	US-20040229615	11-18-2004	AGRAWAL, AVNEESH; et al.	
	212	US-20040240572	12-02-2004	BRUTEL, CHRISTOPHE, et al.	
	213	US-20040248604	12-09-2004	VAIDYANATHAN, CHANDRA, et al.	
	214	US-20040252655	12-16-2004	LIM, KWANG-JAE, et al.	
	215	US-20040264585	12-30-2004	BOERAN, MOHAMMAD JABER, et al.	
	216	US-20050002412	01-06-2005	SAGFORS, MATS, et al.	
	217	US-20050002467	01-06-2005	SEO, DONG-YOUN, et al.	
	218	US-20050025093	02-03-2005	YUN, SANG-BOH, et al.	
	219	US-20050030964	02-10-2005	TIEDEMANN, EDWARD G. JR., et al.	
	220	US-20050041611	02-24-2005	SANDHU, SUMEET, et al.	
	221	US-20050041750	02-24-2005	LAU, KIN NANG, et al.	
	222	US-20050047517	03-03-2005	GEORGIOUS, GIANNAKIS B., et al.	
	223	US-20050052991	03-10-2005	KADOUS, TAMER, et al.	
	224	US-20050063298	03-24-2005	LING, FUYUN, et al.	
	225	US-20050085185	04-21-2005	TONG, WEN, et al.	
	226	US-20050111357	05-26-2005	ATTAR, RASHID A., et al.	
	227	US-20050113100	05-26-2005	OPRESCU-SURCOBE, VALENTIN, et al.	
	228	US-20050122658	06-09-2005	JANG, KYUNG-HUN, et al.	

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Application Number 09/931,469		Examiner Name JUNTIMA, NITTAYA
Filing Date 8/16/2001		
First Named Inventor LARJOIA, RAJIV, et al		
Art Unit 2462		
Attorney, Docket No.: 060542		

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		Number (if known)	Pub-Date MM-DD-YYYY		
	229	US-20050128683	06-16-2005	WATANABE, YASUO, et al.	
	230	US-20050135324	06-23-2005	KIM, YUN-HEE, et al.	
	231	US-20050147026	07-07-2005	AUER, GUNTHER, et al.	
	232	US-20050152484	07-14-2005	SANDHU, SUMEET, et al.	
	233	US-20050157807	07-21-2005	SHIM, DONG-HEE, et al.	
	234	US-20050174981	08-11-2005	HEATH, ROBERT W. JR., et al.	
	235	US-20050181789	08-18-2005	LARJOIA, RAJIV, et al.	
	236	US-20050201286	09-15-2005	VANNITHAMBY, RATH, et al.	
	237	US-20050215261	09-29-2005	KRISHNAN, RANGANATHAN, et al.	
	238	US-20050226204	10-13-2005	UEHARA, TERUAKI, et al.	
	239	US-20050246548	11-03-2005	LAITINEN, PEKKA, et al.	
	240	US-20050264477	11-17-2005	LEE, KYUNG-CHUN, et al.	
	241	US-20050264556	11-17-2005	FUJII, HIROMASA, et al.	
	242	US-20050259723	11-24-2005	BLANCHARD, SCOTT D., et al.	
	243	US-20050265220	12-01-2005	ERLICH, YOSHI, et al.	
	244	US-20050271012	12-08-2005	AGRAWAL, AVNEESH, et al.	
	245	US-20050276347	12-15-2005	MUJTABA, SYED AON, et al.	
	246	US-20050281029	12-22-2005	INAMOTO, MASAYUKI, et al.	

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	247	US-20050281290	12-22-2005	KHANDEKAR, AAMOD, et al.	
	248	US-20050286408	12-29-2005	JIN, YONGSEOK, et al.	
	249	US-20050289256	12-29-2005	CUDAK, MARK C., et al.	
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	252	US-20060018347	01-26-2006	AGRAWAL, Aneesh, et al.	
	253	US-20060018397	01-26-2006	SAMPATH, Hemanth, et al.	
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	255	US-20060034164	02-16-2006	OZLUTURK, Fatih, et al.	
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	257	US-20060045003	03-02-2006	CHOI, Seung-hoon, et al.	
	258	US-20060050770	03-09-2006	WALLACE, Mark S., et al.	
	259	US-20060056340	03-16-2006	HOTTINEN, Ari, et al.	
	260	US-20060067421	03-30-2006	WALTON, Jay Rodney, et al.	
	261	US-20060083159	04-20-2006	LAROLA, Rajiv, et al.	
	262	US-20060093065	05-04-2006	THOMAS, Timothy A., et al.	
	263	US-20060109814	05-25-2006	KUZMINSKIY, Alexandr, et al.	
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Filing Date		8/16/2001
First Named Inventor		LAROLA, Rolly, et al.
Art Unit		2462
Examiner Name		JUNTIMA, NITTAYA
Attorney Docket No.: 060542		

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	318	GB-2412541A	09-28-2005	SAMSUNG ELECTRONICS CO LTD [KR] et al.	1
	319	JP-2005020530A	01-20-2005	TOSHIBA CORP et al	
	320	KR-100291476B1	03-13-2001	SAMSUNG ELECTRONICS CO LTD et al.	
	321	KR-20040103441A	12-08-2004	MICROSOFT CORP et al.	
	322	KR-20050063826A	06-28-2005	LG ELECTRONICS INC [KR] et al.	
	323	RU-2192094C1	10-27-2002	GARMONOV ALEKSANDR VASIL, EVICH et al.	
	324	RU-2207723C1	06-27-2003	VOENNYI UNI SVJAZI et al.	
	325	TW-200401572	01-16-2004	RATHEON COMPANY	
	326	TW-248266	01-21-2006	VIA TELECOM CO LTD	
	327	TW-508960B	11-01-2002	FLARION TECHNOLOGIES INC [US] et al.	
	328	WO-0139523A2	05-31-2001	SIEMENS AG [DE] et al.	
	329	WO-0148989A2	07-05-2001	ATHEROS COMM INC [US] et al.	
	330	WO-0158054A1	08-09-2001	SAMSUNG ELECTRONICS CO LTD [KR] et al.	
	331	WO-0160106A1	08-16-2001	QUALCOMM INC [US] et al.	
	332	WO-0182544A2	11-01-2001	ATHEROS COMM INC [US] et al.	
	333	WO-0189112A1	11-22-2001	NOKIA NETWORKS OY [FI] et al.	
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Examiner Name JUNTIMA, NITTAYA
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Sheet 20 of 23	Attorney Docket No. 060542	

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	352	WO-200509853B6A1	10-13-2005	QUALCOMM INC [US] et al.		<input type="checkbox"/>
	353	WO-2006026344A1	03-09-2006	QUALCOMM INC [US] et al.		<input type="checkbox"/>
	354	WO-2006096784A1	09-14-2006	QUALCOMM INC [US] et al.		<input type="checkbox"/>
	355	WO-2006099349A1	09-21-2006	QUALCOMM INC [US] et al.		<input type="checkbox"/>
	356	WO-2006134032A1	12-21-2006	SIEMENS AG [DE] et al.		<input type="checkbox"/>
	357	WO-2006138196A1	12-28-2006	QUALCOMM FLARION TECH [US] et al.		<input type="checkbox"/>
	358	WO-2006138573A2	12-28-2006	QUALCOMM INC [US] et al.		<input type="checkbox"/>
	359	WO-2007024834A2	03-01-2007	QUALCOMM INC [US] et al.		<input type="checkbox"/>
	360	WO-2007051159A2	05-03-2007	QUALCOMM INC [US] et al.		<input type="checkbox"/>
	361	WO-96521494A1	08-10-1995	QUALCOMM INC [US] et al.		<input type="checkbox"/>
	362	WO-96139920A1	05-09-1996	IBM [US] et al.		<input type="checkbox"/>
	363	WO-9749033A2	12-04-1997	PHILIPS ELECTRONICS NV [NL] et al.		<input type="checkbox"/>
	364	WO-98144026A1	04-02-1998	QUALCOMM INC [US] et al.		<input type="checkbox"/>
	365	WO-9944313A1	09-02-1999	SIEMENS AG [DE] et al.		<input type="checkbox"/>
	366	WO-9944383A1	09-02-1999	SIEMENS AG [DE] et al.		<input type="checkbox"/>
	367	WO-9959265A1	11-18-1999	SAMSUNG ELECTRONICS CO LTD [KR] et al.		<input type="checkbox"/>

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	368	3GPP TS 33.220 V.1.1.0 XX.XX, "3rd GENERATION PARTNERSHIP PROJECTS: GENERIC ARCHITECTURAL SPECIFICATION GROUP SERVICES AND SYSTEM ASPECTS: GENERIC ARCHITECTURE (RELEASE 9)", 9 FEBRUARY 2004, pgs. 1-17, figure 4, XP002999023.	
	369	DAS, ARNAB, et al. "Adaptive, asynchronous incremental redundancy (A-IR) with fixed transmission time intervals TTI for HSDPA," IEEE, pages 10-83-1087	
	370	Digital cellular telecommunications system (Phase 2+): Mobile radio interface layer 3 specification (GSM 04.08 version 7.1 Release 1998), ETSI EN 300 940 V7.7.1 (2000-10), pp. 1, 2, 91-93.	
	371	FAVRE et al. "Self-Adaptive Transmission Procedure," IBM Technical Disclosure Bulletin, IBM Corporation, September 1976, vol. 19, no. 4, pp. 1283-1284, New York, New York.	
	372	FUCHS, et al., "A Novel Tree-Based Scheduling Algorithm for the Downlink of Multi-User MIMO Systems with ZF Beamforming," IEEE International Conference on Acoustics, Speech, and Signal Processing, 2005, Proceedings, Philadelphia, PA, pp. 1121-1124.	
	373	GROE, et al., "CDMA Mobile Radio Design," September 26, 2001, Artech House, Norwood, MA 02062, pp. 257-269.	
	374	International Search Report - PCT/US01/028315, International Search Authority - European Patent Office, 06-21-02 (060542).	
	375	INTERNATIONAL SEARCH REPORT PCT/US06/003947--INTERNATIONAL SEARCH AUTHORITY--EUROPEAN PATENT OFFICE, 06/12/06.	
	376	JOHN B. GROE, LAWRENCE E. LARSON, "CDMA Mobile Radio Design", 26 September 2001 (2001-09-26), Artech House, Norwood, MA 02062 580530, XP002397567, pages 157-159.	
	377	LAROLA, R. ET AL. "An integrated approach based on cross-layer optimization - Designing a mobile broadband wireless access network," IEEE Signal Processing Magazine, IEEE Service Center, Piscataway, NJ, US, vol. 21, no. 5, September 2004 (2004-09), pages 20-28, XP01118149.	
	378	LAU, et al. "On the Design of MIMO Block-Fading Channels with Feedback-Link Capacity Constraint," IEEE Transactions on Communications, IEEE Service Center, Piscataway, NJ, US, v. 52, no. 1, January 2004 (2004-01), pp. 62-70, XP001185908.	
	379	LETTIERI et al. "Adaptive frame length control for improving wireless link throughput, range, and energy efficiency," INFCOM 98, 17th Annual Joint Conference of the IEEE	

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	360	Computer and Communications Societies, March 29-April 2, 1998, pp. 564-571, vol. 2, IEEE San Francisco, CA, New York, New York	
	361	MOLISCH, et al. MIMO systems with antenna selection, "IEEE Microwave Magazine, URL: http://ieeexplore.ieee.org/iel5/6688/28977/01284943.pdf. Retrieved on December 8, 2006, pp. 46-56 (2006). T. DIENKS, C. ALLEN, CERTICOM, "THE TLS PROTOCOL VERSION 1.0, JANUARY 1999	
	382	NIT DCCOM, et al. "Orthogonal Common Pilot Channel and Scrambling Code in Evolved UTRA Downlink," 3GPP TSG RAN WG1 #42 on LTE, pp. 1-8 (Aug-Sept 2005), ITT DocCom, et al. "STANDARDS FOR CDMA2000 SPREAD SPECTRUM SYSTEMS" VERSION 1.0 JULY 1999.	
	383	TA/EIA/IS-95 "MOBILE STATION COMPATIBILITY STANDARD FOR DUAL-MODE WIDEBAND SPREAD SPECTRUM CELLULAR SYSTEM" JULY 1993	
	384	TA-1121.001 "Physical Layer for Ultra Mobile Broadband (UMB) Air Interface Specification," 3GPP2 C.S0084-001-0, Version 2.0 (August 2007)	
	386	TA-1121.002 "Medium Access Control Layer for Ultra Mobile Broadband (UMB) Air Interface Specification," 3GPP2 C.S0084-002-0, Version 2.0 (August 2007)	
	387	TOMCIK, J. "MBFDD and MBTD Wideband Mode Technology Overview," IEEE 802.20 Working Group Mobile Broadband Wireless Access, January 2006, pgs 1-109, XP002429968	
	388	TOMCIK, J. "QPD Technology Overview Presentation," IEEE 802.20 Working Group on Mobile Broadband Wireless Access, Slides/PP. 1-73, 11/19/05 and 10-28-05/VEHICULAR TECHNOLOGY CONFERENCE 2004, slides/PP. 1-2004 IEEE 80TH LOS ANGELES, CA USA 26-29 September 2004 (2004-09-26), pages 1129-1133, XP010766798, ISBN: 07-7803-8521-7	
	389	ZEKRI, et al. "DMT Signals with Low Peak-to-Average Power Ratio," Proceedings, IEEE International Symposium on Computers and Communications, 1999, 6-8 July 1999, pp. 362-368.	
	390		

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